					DEPARTMENT	ATE OF UTAH OF NATURAL RESOI			AMENDE	FOR D REPORT		
					DIVISION O	FOIL, GAS AND MIN	IING					
			APPLICATIO	N FOR	PERMIT TO DRILL			1. WELL NAME and NU	<b>UMBER</b> _C Tribal 5	H-26-46		
2. TYPE O	F WORK	DRILL NEW WE	LL REE	NTER P&	A WELL DEEPEN V	VELL (		3. FIELD OR WILDCA	<b>T</b> ALTAMO	DNT		
4. TYPE O	F WELL		Oil Well	Coalbe	ed Methane Well: NO			5. UNIT or COMMUNI	TIZATION A	GREEME	NT NAM	E
6. NAME (	OF OPERATOR	R	BIL	L BARRE	TT CORP			7. OPERATOR PHONE	303 312-	8164		
8. ADDRE	SS OF OPERA		099 18th Street	Ste 230	0, Denver, CO, 80202			9. OPERATOR E-MAIL			nm.	
	AL LEASE NU	MBER	000 10111 011001	0.0 200	11. MINERAL OWNERS			12. SURFACE OWNER		. ottoo.p.o.		
·		2OG0005500	10 15 10		FEDERAL INDI	AN 📵 STATE 🦲	) FEE		DIAN (	STATE	~	E(D)
13. NAME	OF SURFACE	OWNER (if box	12 = 'fee')	UDW	/R			14. SURFACE OWNER	R PHONE (i	f box 12 =	'fee')	
15. ADDR	ESS OF SURF	ACE OWNER (if b 1594 W		Suite 21	10, Salt Lake City, UT 84	1114		16. SURFACE OWNER	R E-MAIL (i	f box 12 =	: 'fee')	
	N ALLOTTEE (	OR TRIBE NAME			18. INTEND TO COMMI MULTIPLE FORMATION		FROM	19. SLANT				
(II box 12	= INDIAN )				YES (Submit Co	ommingling Application	n) NO 📵	VERTICAL DIF	RECTIONAL	— но	RIZONT	AL 📵
20. LOC	ATION OF WEL	.L		FO	OTAGES	QTR-QTR	SECTION	TOWNSHIP	RAN	IGE	ME	RIDIAN
LOCATIO	ON AT SURFAC	CE .		1881 FI	NL 198 FEL	SENE	26	4.0 S	6.0	W		U
Top of U	ppermost Pro	ducing Zone		1887 FI	NL 791 FEL	SENE	26	4.0 S	6.0	W		U
At Total	Depth			1980 FN	NL 700 FWL	SWNW	26	4.0 S	6.0	W		U
21. COUN	ITY	DUCHESNE			22. DISTANCE TO NEAR	REST LEASE LINE (Fee	et)	23. NUMBER OF ACRI	ES IN DRILI 640			
					25. DISTANCE TO NEAF (Applied For Drilling o		POOL	26. PROPOSED DEPTI		TVD: 5834	ļ.	
27. ELEV	ATION - GROU	IND LEVEL			28. BOND NUMBER			29. SOURCE OF DRIL			DLICABI	
		7027				LPM8874725		WATER RIGHTS APPR	43-18			
					_	and Cement Infor	mation			30		
String	Hole Size	Casing Size	Length	Weigi 65 (	ht Grade & Thread	and Cement Infor	mation	Cement		Sacks	Yield	Weight
String COND SURF	Hole Size 26 12.25		Length 0 - 80 0 - 1900	<b>Weig</b> 65.0	ht Grade & Thread	and Cement Infor			43-18	30		
COND	26	Casing Size	0 - 80	65.0	ht Grade & Thread	and Cement Information  Max Mud Wt.  8.8	Halliburt	Cement No Used	43-18 nown	Sacks 0	Yield 0.0	Weight 0.0
COND	26	Casing Size	0 - 80	65.0	ht Grade & Thread Unknown J-55 ST&C	and Cement Information  Max Mud Wt.  8.8	Halliburt	Cement No Used on Light , Type Unk	43-18 nown	Sacks 0 260	<b>Yield</b> 0.0 3.16	<b>Weight</b> 0.0 11.0
COND SURF	26 12.25 8.75	16 9.625	0 - 80 0 - 1900 0 - 6317	65.0	ht Grade & Thread Unknown J-55 ST&C P-110 LT&C	and Cement Infor Max Mud Wt. 8.8 8.8 9.2	Halliburt	Cement  No Used on Light , Type Unk Premium , Type Ur Unknown Unknown	43-18 nown	Sacks 0 260 210 280 140	Yield 0.0 3.16 1.36 3.14 1.42	0.0 11.0 14.8 14.8 13.5
COND	26 12.25	Casing Size	0 - 80 0 - 1900	65.0 36.0	ht Grade & Thread Unknown J-55 ST&C P-110 LT&C	and Cement Infor Max Mud Wt. 8.8 8.8	Halliburt	Cement  No Used on Light , Type Unk n Premium , Type Ur Unknown	43-18 nown	Sacks 0 260 210 280	7ield 0.0 3.16 1.36 3.14	Weight 0.0 11.0 14.8 14.8
COND SURF	26 12.25 8.75	16 9.625	0 - 80 0 - 1900 0 - 6317	65.0	ht Grade & Thread Unknown J-55 ST&C P-110 LT&C	and Cement Infor Max Mud Wt. 8.8 8.8 9.2	Halliburt	Cement  No Used on Light , Type Unk Premium , Type Ur Unknown Unknown	43-18 nown	Sacks 0 260 210 280 140	Yield 0.0 3.16 1.36 3.14 1.42	Weight 0.0 11.0 14.8 14.8 13.5
COND SURF	26 12.25 8.75 6.125	7 4.5	0 - 80 0 - 1900 0 - 6317 0 - 10077	65.0 36.0 26.0	ht Grade & Thread Unknown J-55 ST&C P-110 LT&C	and Cement Inform Max Mud Wt. 8.8 8.8 9.2 9.5 TACHMENTS	Halliburtor Halliburtor	Cement  No Used on Light , Type Unk Premium , Type Un Unknown Unknown No Used	43-18 nown nknown	Sacks 0 260 210 280 140 0	Yield 0.0 3.16 1.36 3.14 1.42	Weight 0.0 11.0 14.8 14.8 13.5
COND SURF	26 12.25 8.75 6.125	7 4.5	0 - 80 0 - 1900 0 - 6317 0 - 10077	65.0 36.0 26.0	ht Grade & Thread Unknown J-55 ST&C P-110 LT&C AT CHED IN ACCORDANC	and Cement Inform Max Mud Wt. 8.8 8.8 9.2 9.5 TACHMENTS CE WITH THE UTAH	Halliburtor Halliburtor	Cement  No Used on Light , Type Unk n Premium , Type Ur Unknown Unknown No Used	43-18 nown nknown	Sacks 0 260 210 280 140 0	Yield 0.0 3.16 1.36 3.14 1.42	Weight 0.0 11.0 14.8 14.8 13.5
COND SURF	26 12.25 8.75 6.125	Casing Size 16 9.625 7 4.5	0 - 80 0 - 1900 0 - 6317 0 - 10077	65.0 36.0 26.0 11.6	ht Grade & Thread Unknown J-55 ST&C P-110 LT&C AT CHED IN ACCORDANC	and Cement Inform Max Mud Wt. 8.8 8.8 9.2 9.5 TACHMENTS CE WITH THE UTAH	Halliburtor Halliburtor	Cement  No Used on Light , Type Unk n Premium , Type Ur Unknown Unknown No Used	nown nknown	Sacks	Yield 0.0 3.16 1.36 3.14 1.42	0.0 11.0 14.8 14.8 13.5
COND SURF  I1  L1  W W	26 12.25 8.75 6.125 VE	Casing Size 16 9.625 7 4.5  RIFY THE FOLI	0 - 80 0 - 1900 0 - 6317 0 - 10077	65.0 36.0 26.0 11.6 ATTAC	ht Grade & Thread Unknown J-55 ST&C P-110 LT&C AT CHED IN ACCORDANC	and Cement Information Max Mud Wt. 8.8 8.8 9.2 9.5 TACHMENTS CE WITH THE UTAH	Halliburtor Halliburtor	Cement No Used on Light , Type Unk Premium , Type Un Unknown Unknown No Used	nown nknown	Sacks	Yield 0.0 3.16 1.36 3.14 1.42	Weight 0.0 11.0 14.8 14.8 13.5
COND SURF  I1  L1  W W	26 12.25 8.75 6.125 VE	Casing Size 16 9.625 7 4.5  RIFY THE FOLI MAP PREPARED E  FATUS OF SURFAL URVEY PLAN (IF I	0 - 80 0 - 1900 0 - 6317 0 - 10077	65.0 36.0 26.0 11.6 ATTAC	ht Grade & Thread Unknown J-55 ST&C P-110 LT&C AT CHED IN ACCORDANC R OR ENGINEER T (IF FEE SURFACE)	and Cement Information Max Mud Wt. 8.8 8.8 9.2 9.5 TACHMENTS CE WITH THE UTAH	Halliburtor Halliburtor Holl AND GAS LETE DRILLING F	Cement  No Used on Light , Type Unk Premium , Type Ur  Unknown  Unknown  No Used  CONSERVATION G	nown nknown	Sacks	Yield 0.0 3.16 1.36 3.14 1.42	0.0 11.0 14.8 14.8 13.5
COND SURF  I1  L1  W W	26 12.25 8.75 6.125  VE ELL PLAT OR I	Casing Size 16 9.625 7 4.5  RIFY THE FOLI MAP PREPARED E  FATUS OF SURFAL URVEY PLAN (IF I	0 - 80 0 - 1900 0 - 6317 0 - 10077	65.0 36.0 26.0 11.6 ATTAC	ht Grade & Thread Unknown J-55 ST&C P-110 LT&C P-110 LT&C AT CHED IN ACCORDANC R OR ENGINEER T (IF FEE SURFACE)	and Cement Information Max Mud Wt. 8.8 8.8 9.2 9.5 TACHMENTS CE WITH THE UTAH	Halliburtor Halliburtor HOIL AND GAS LETE DRILLING F  5. IF OPERATOR GRAPHICAL MAP	Cement  No Used on Light , Type Unk Premium , Type Ur  Unknown  Unknown  No Used  CONSERVATION G	nown nknown	Sacks	Yield 0.0 3.16 1.36 3.14 1.42	0.0 11.0 14.8 14.8 13.5
COND SURF  11  L1  L1  W  W  AF  NAME V  SIGNATU	26 12.25 8.75 6.125  VE ELL PLAT OR I	Casing Size 16 9.625 7 4.5  RIFY THE FOLI MAP PREPARED E TATUS OF SURFAL URVEY PLAN (IF I	0 - 80 0 - 1900 0 - 6317 0 - 10077	ATTAC  ATTAC  ATTAC  TITL  DAT	ht Grade & Thread Unknown J-55 ST&C P-110 LT&C AT CHED IN ACCORDAN R OR ENGINEER T (IF FEE SURFACE) CRIZONTALLY DRILLED	and Cement Information Max Mud Wt. 8.8 8.8 9.2 9.5 TACHMENTS CE WITH THE UTAH	Halliburtor Halliburtor HOIL AND GAS LETE DRILLING F  5. IF OPERATOR GRAPHICAL MAP	Cement No Used on Light , Type Unkin Premium , Type Un Unknown Unknown No Used  CONSERVATION G  CHAN  IS OTHER THAN THE LE	nown nknown	Sacks	Yield 0.0 3.16 1.36 3.14 1.42	0.0 11.0 14.8 14.8 13.5

#### **DRILLING PLAN**

#### BILL BARRETT CORPORATION

LC Tribal 5H-26-46

SHL: SE NE, 1881' FNL and 198' FEL, Section 26, T4S-R6W BHL: SW NW, 1980' FNL and 700' FWL, Section 26, T4S-R6W Duchesne Co., UT

Bill Barrett Corporation (BBC) intends to drill a horizontal through the prospective zone within the Uteland Butte.

## 1 - 3. <u>Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals</u>

#### HORIZONTAL LEG FORMATION TOPS

		711171111111111111111111111111111111111					
<b>Formation</b>	Depth – MD	Depth - TVD					
Green River	2,059'	2,059'					
Surface casing	1,900'	1,900'					
Mahogany	2,574'	2,574'					
TGR3	3,809'	3,809'					
Douglas Creek	4,609'	4,609'					
3 PT Marker	4,969'	4,969'					
Black Shale Facies	5,374'	5,374'					
Castle Peak	5,596'	5,592'					
*Uteland Butte	6,008'	5,898'					
CR1A Base	6,204'	5,961'					
TD	10,077	5,834'					

#### \*PROSPECTIVE PAY

The Uteland Butte CR1 is the primary objective for oil/gas.

Base of Useable Water = 2,039'

#### 4. Casing Program

<b>Hole</b>	<b>SETTIN</b>	<b>G DEPTH</b>	<b>Casing</b>	<b>Casing</b>	<b>Casing</b>		
<u>Size</u>	(FROM)	( <b>TO</b> )	<u>Size</u>	Weight	<u>Grade</u>	<u>Thread</u>	<b>Condition</b>
12-1/4"	surface	1,900'	9 5/8"	36.0 ppf	J or K 55	ST&C	New
8 3/4"	surface	6,317'	7"	26.0 ppf	P-110	LT&C	New
6 1/8"	surface	10,077	4 1/2"	11.6 ppf	P-110	LT&C	New
			Liner with				
			4-1/2"				
			Tieback				
			for frac				

RECEIVED: August 23, 2012

**Drilling Plan** LC Tribal 5H-26-46 Duchesne Co., UT

#### 5. **Cementing Program**

9 5/8" Surface Casing	Lead with approximately 260 sx Halliburton Light Premium cement with additives mixed at 11.0 ppg (yield = 3.16 ft <sup>3</sup> /sx). TOC @ Surface  Tail with 210 sx Premium 14.8 ppg (yield = 1.36 ft <sup>3</sup> /sx) calculated hole volume with 75% excess. TOC @ 1,400'  Top out cement, if required: 100 sx of Premium cement with additives mixed at 15.8 ppg (yield = 1.17 ft <sup>3</sup> /sk)
7" Intermediate Casing	Lead with approximately 280 sx Tune Light cement with additives, mixed at 11.0 ppg (yield = 3.14 ft <sup>3</sup> /sx). TOC @
	1,400' additives, mixed at 11.0 ppg (yield = 3.14 ft /sx). TOC @
	Tail with approximately 140 sx Halliburton Econocem
	cement with additives mixed at 13.5 ppg (yield = 1.42
	ft <sup>3</sup> /sx). TOC @ 4,396'
6-1/8" hole for	Depending on hole conditions, plan to run un-cemented 4-
4-1/2" production liner	1/2" liner with open hole packers
	or
	cement w/ 400 sx ECONOCEM w/ additives, 13.5 ppg, 1.4
	ft3/sx, 50% excess. Planned TOC @ 4-1/2" liner top
Makes Ton of Tail semant fourther in	towns distanting will be adjusted to 1000' about the KOD

Note: Top of Tail cement for the intermediate string will be calculated to 1000' above the KOP using gauge hole plus 50% excess. Lead to 200' inside of surface casing.

#### 6. **Mud Program**

<u>Interval</u>	Weight	Viscosity	Fluid Loss (API filtrate)	<u>Remarks</u>
40' – 1,900'	8.4 - 8.8	26 - 36	NC	Freshwater Spud Mud Fluid
				System
1,900' - 6,317'	8.9 - 9.2	26 - 36	NC	Fresh Water with sweeps
6,317' – TD	9.0 - 9.5	45 - 58	4 - 10	Fresh Water PHPA

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

#### 7. **BOP** and Pressure Containment Data

<b>Depth Intervals</b>	BOP Equipment
0 - 1,900	No pressure control required
1,900' – TD	11" 5000# Ram Type BOP
	11" 5000# Annular BOP
- Drilling spool to a	accommodate choke and kill lines;
- Ancillary and cho	ke manifold to be rated @ 5000 psi;
A'11	1 1 1 1

- Ancillary equipment and choke manifold rated at 5,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this manner.

Drilling Plan LC Tribal 5H-26-46 Duchesne Co., UT

#### 8. <u>Auxiliary Equipment</u>

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

#### 9. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD with GR as needed to land wellbore;
WL Logging	None in intermediate
Note: FMI an	d CAL may be run on the lateral portion of the horizontal wellbore at the geologist's
discretion.	

#### 10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 2882 psi\* and maximum anticipated surface pressure equals approximately 1598 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

#### 11. <u>Location and Type of Water Supply</u>

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W.

#### 12. Drilling Schedule

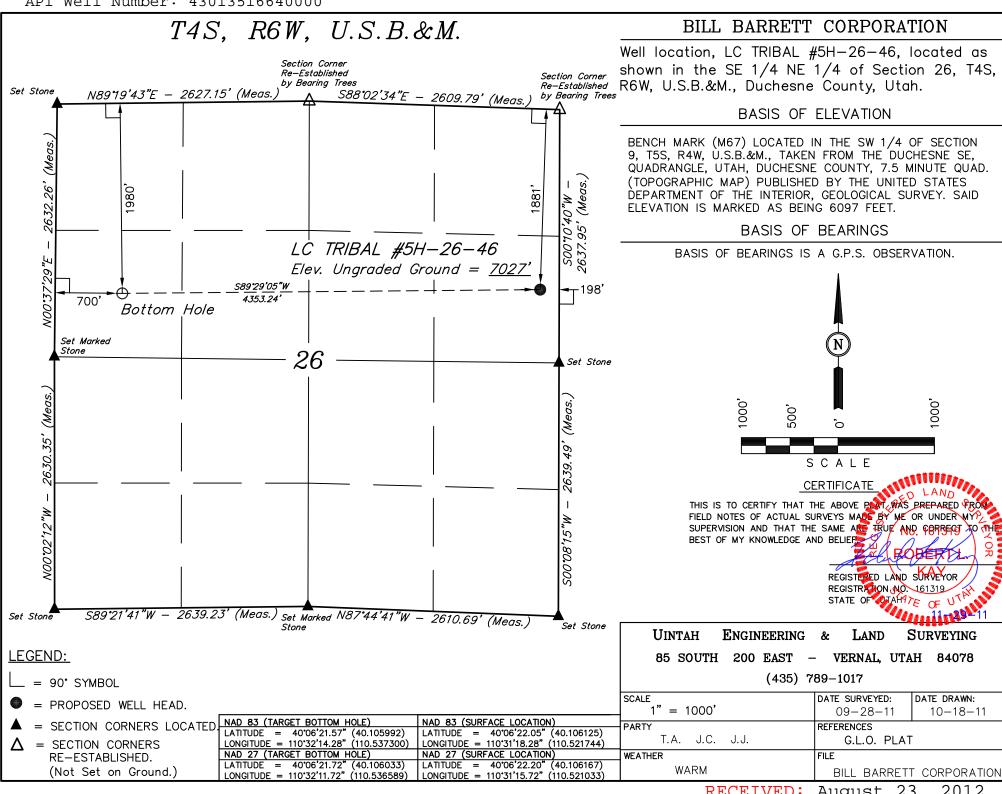
Location Construction: June 2013 Spud: June 2013

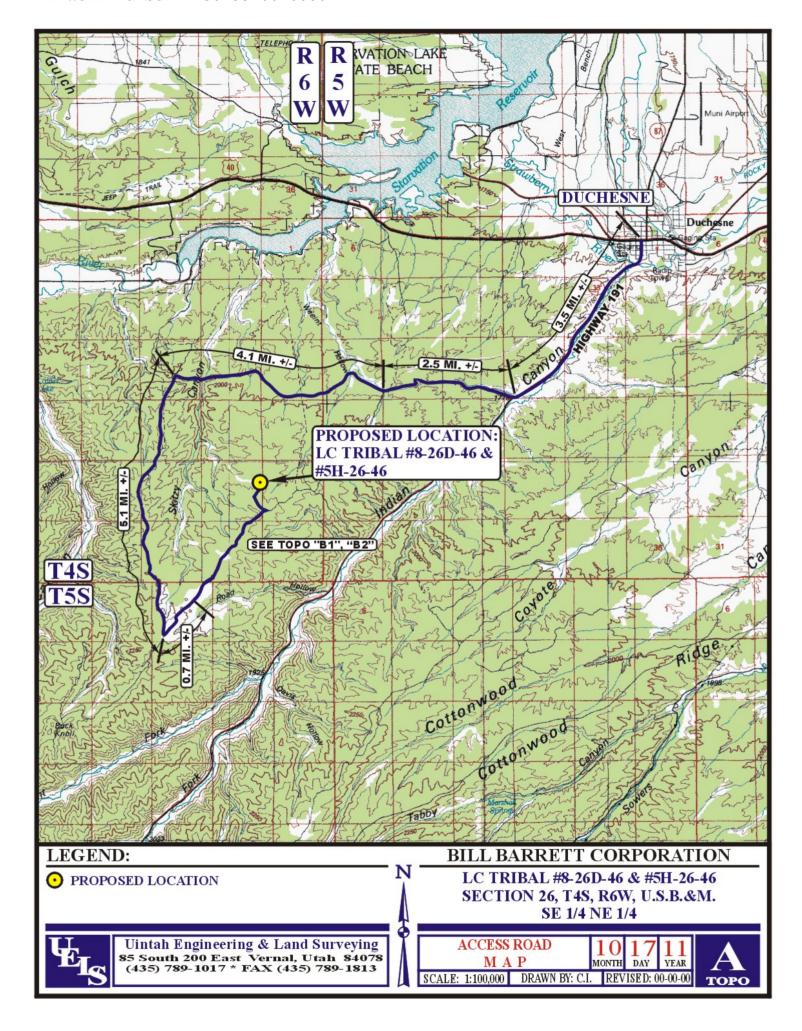
Duration: 25 days drilling time

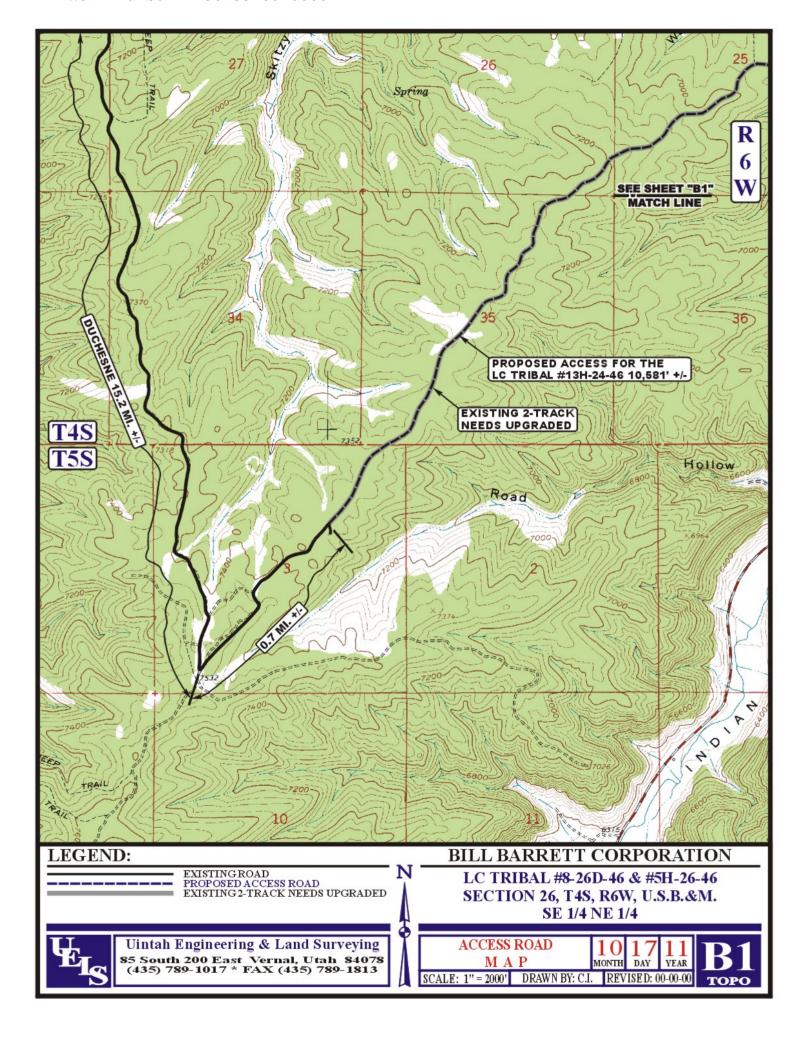
25 days completion time

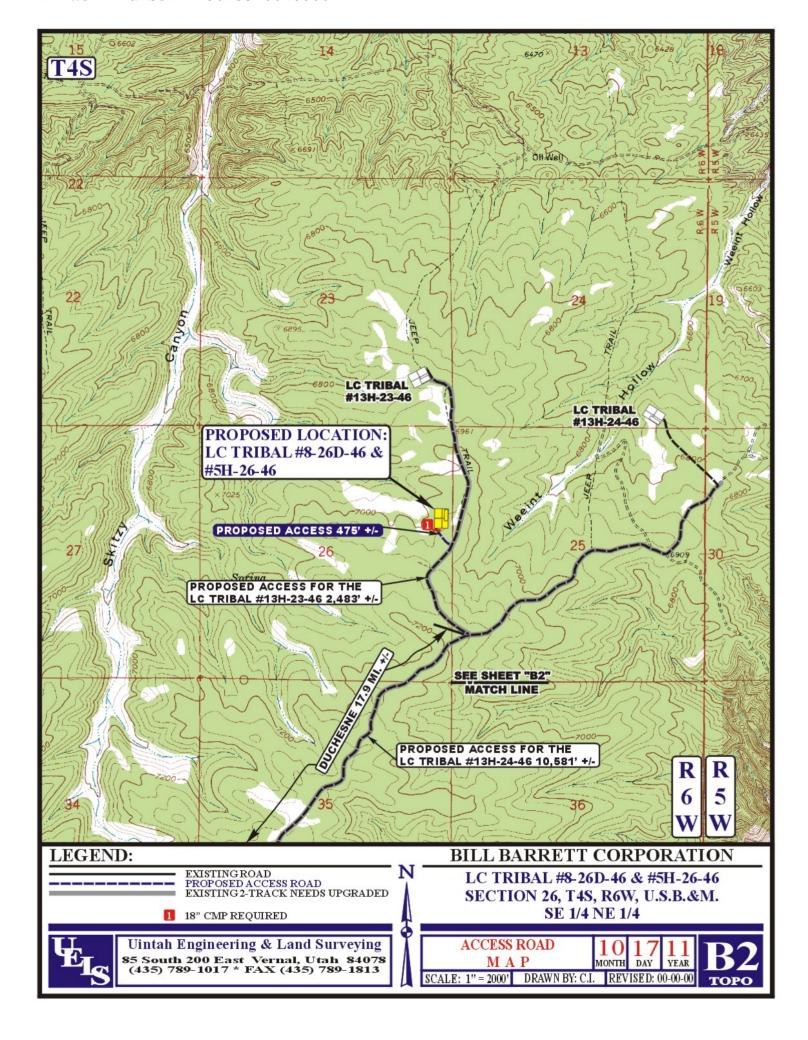
RECEIVED: August 23, 2012

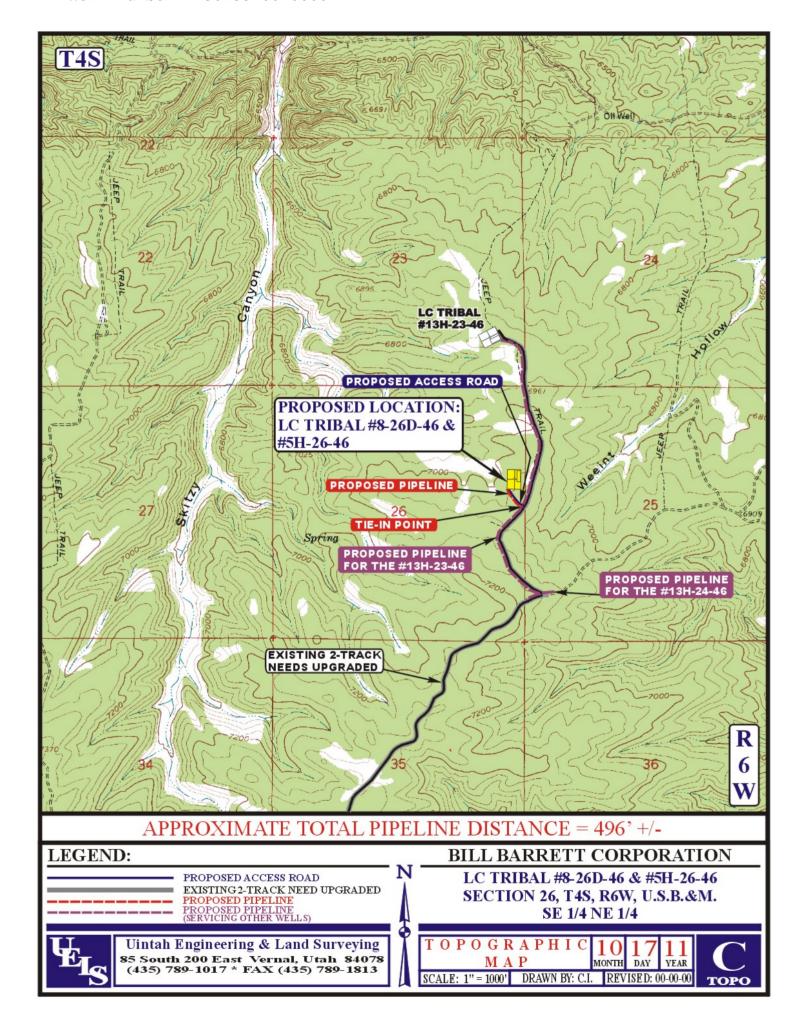
<sup>\*\*</sup>Maximum surface pressure = A - (0.22 x TD)













**COMPANY DETAILS: BILL BARRETT CORP** 

Calculation Method: Minimum Curvature

Error System: ISCWSA

Scan Method: Closest Approach 3D Error Surface: Elliptical Conic Warning Method: Error Ratio

SITE DETAILS: 5H-26-46 LC Tribal Lake Canyon

Site Latitude: 40° 6' 22.201 N Site Longitude: 110° 31' 15.719 W

Positional Uncertainity: 0.0 Convergence: 0.63 Local North: True

WELL DETAILS: 5H-26-46 LC Tribal

Ground Level: 7024.0

+N/-S +E/-W Northing Easting Latittude Slot Longitude 647214.98 40° 6' 22.201 N 0.0 0.0 2273822.21

110° 31' 15.719 W

Start Build 10.00

WELLBORE TARGET DETAILS (LAT/LONG)

2250

1500

Longitude 110° 32' 11.720 W TVD +N/-S +E/-W Latitude Shape Name 5H-26-46 PBHL 5834.0 -48.4 -4351.2

40° 6' 21.719 N

Rectangle (Sides: L200.0 W200.0

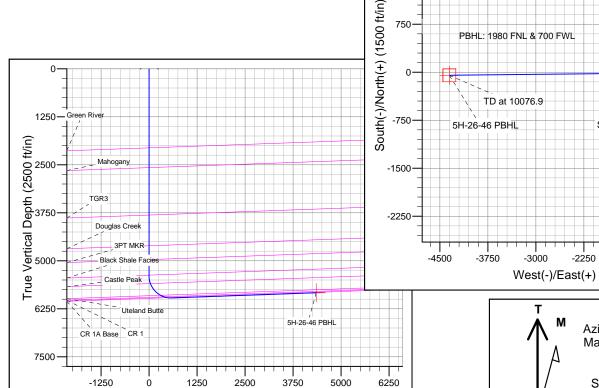
SECTION DETAILS

Sec MD Azi TVD +N/-S +E/-W DLeg VSec Target Inc TFace 0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.00 0.0 5396.0 0.00 0.00 5396.0 0.0 0.0 0.00 0.00 0.0 -6.6 -593.4 6316.5 92.05 269.36 5968.6 10.00 269.36 593.5 92.05 269.36 5834.0 -48.4-4351.2 0.00 0.00 4351.5 10076.9 10076.9 0.00 0.00 5834.0 -48.4-4351.2 0.00 180.00 4351.5 5H-26-46 PBHL

FORMATION TOP DETAILS							
TVDPath	MDPath	Formation					
2059.0	2059.0	Green River					
2574.0	2574.0	Mahogany					
3809.0	3809.0	TGR3					
4609.0	4609.0	Douglas Creek					
4969.0	4969.0	3PT MKR					
5374.0	5374.0	Black Shale Facies					
5592.8	5596.8	Castle Peak					
5898.4	6008.6	Uteland Butte					
5939.9	6112.9	CR 1					
5961.7	6204.9	CR 1A Base					

CASING DETAILS

No casing data is available



Vertical Section at 269.36° (2500 ft/in)

Start 3760.4 hold at 6316.5 MD 0 West(-)/East(+) (1500 ft/in) Azimuths to True North Magnetic North: 11.36°

> Magnetic Field Strength: 52109.9snT Dip Angle: 65.73° Date: 8/16/2012 Model: IGRF2010

Planning Report

Database: Compass

Company: BILL BARRETT CORP

Project: DUCHESNE COUNTY, UT (NAD 27)
Site: 5H-26-46 LC Tribal

 Well:
 5H-26-46 LC Tribal

 Wellbore:
 5H-26-46 LC Tribal

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well 5H-26-46 LC Tribal

KB @ 7039.0ft (Original Well Elev) KB @ 7039.0ft (Original Well Elev)

True

Minimum Curvature

Project DUCHESNE COUNTY, UT (NAD 27)

Map System:US State Plane 1927 (Exact solution)Geo Datum:NAD 1927 (NADCON CONUS)

Map Zone: Utah Central 4302

System Datum:

Ground Level

Site 5H-26-46 LC Tribal

Northing: 647,214.98 ft Site Position: Latitude: 40° 6' 22.201 N From: Lat/Long Easting: 2,273,822.21 ft Longitude: 110° 31' 15.719 W **Position Uncertainty:** 0.0 ft Slot Radius: **Grid Convergence:** 0.63 °

Well 5H-26-46 LC Tribal **Well Position** +N/-S 0.0 ft Northing: 647,214.98 ft Latitude: 40° 6' 22.201 N +E/-W 0.0 ft Easting: 2,273,822.21 ft Longitude: 110° 31' 15.719 W **Position Uncertainty** 0.0 ft Wellhead Elevation: ft **Ground Level:** 7,024.0 ft

Wellbore 5H-26-46 LC Tribal Field Strength Magnetics **Model Name** Sample Date Declination **Dip Angle** (nT) (°) (°) IGRF2010 8/16/2012 11.36 65.73 52,110

Design #1 Design **Audit Notes:** Version: Phase: PLAN Tie On Depth: 0.0 Vertical Section: Depth From (TVD) +N/-S +E/-W Direction (ft) (ft) (ft) (°) 0.0 269.36 0.0 0.0

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,396.0	0.00	0.00	5,396.0	0.0	0.0	0.00	0.00	0.00	0.00	
6,316.5	92.05	269.36	5,968.6	-6.6	-593.4	10.00	10.00	0.00	269.36	
10,076.9	92.05	269.36	5,834.0	-48.4	-4,351.2	0.00	0.00	0.00	0.00	
10,076.9	0.00	0.00	5,834.0	-48.4	-4,351.2	0.00	0.00	0.00	180.00	5H-26-46 PBHL

Planning Report

Database: Compass

Company: BILL BARRETT CORP

 Project:
 DUCHESNE COUNTY, UT (NAD 27)

 Site:
 5H-26-46 LC Tribal

Well: 5H-26-46 LC Tribal
Wellbore: 5H-26-46 LC Tribal
Design: Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

**Survey Calculation Method:** 

Well 5H-26-46 LC Tribal

KB @ 7039.0ft (Original Well Elev) KB @ 7039.0ft (Original Well Elev)

True

Minimum Curvature

sign:	Design #1								
anned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,059.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
Green River	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,574.0	0.00	0.00	2,574.0	0.0	0.0	0.0	0.00	0.00	0.00
Mahogany									
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,809.0	0.00	0.00	3,809.0	0.0	0.0	0.0	0.00	0.00	0.00
TGR3									
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00

RECEIVED: August 23, 2012

Planning Report

TVD Reference:

Local Co-ordinate Reference:

Database: Compass

Company: BILL BARRETT CORP

 Project:
 DUCHESNE COUN

 Site:
 5H-26-46 LC Tribal

 Well:
 5H-26-46 LC Tribal

 Wellbore:
 5H-26-46 LC Tribal

Design #1

DUCHESNE COUNTY, UT (NAD 27)

5H-26-46 LC Tribal

MD Reference:

North Reference:

Survey Calculation Method:

Well 5H-26-46 LC Tribal

KB @ 7039.0ft (Original Well Elev) KB @ 7039.0ft (Original Well Elev)

True

Minimum Curvature

Design:		Design #1								
Planned	Survey									
	Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
	4,609.0	0.00	0.00	4,609.0	0.0	0.0	0.0	0.00	0.00	0.00
	Douglas Cree									
	4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
	4,800.0 4,900.0	0.00 0.00	0.00 0.00	4,800.0 4,900.0	0.0 0.0	0.0 0.0	0.0 0.0	0.00 0.00	0.00 0.00	0.00 0.00
	4,969.0	0.00	0.00	4,969.0	0.0	0.0	0.0	0.00	0.00	0.00
	3PT MKR			.,						
	5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
	5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
	5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
	5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00
	5,374.0	0.00	0.00	5,374.0	0.0	0.0	0.0	0.00	0.00	0.00
	Black Shale	Facies								
	5,396.0	0.00	0.00	5,396.0	0.0	0.0	0.0	0.00	0.00	0.00
	Start Build 1	0.00								
	5,400.0	0.40	269.36	5,400.0	0.0	0.0	0.0	10.00	10.00	0.00
	5,500.0	10.40	269.36	5,499.4	-0.1	-9.4	9.4	10.00	10.00	0.00
	5,596.8	20.08	269.36	5,592.8	-0.4	-34.8	34.8	10.00	10.00	0.00
	Castle Peak	22.42	222.22		2.4	05.0	05.0	40.00	40.00	0.00
	5,600.0	20.40	269.36	5,595.7	-0.4	-35.9	35.9	10.00	10.00	0.00
	5,700.0	30.40	269.36	5,685.9	-0.9	-78.8	78.8	10.00	10.00	0.00
	5,800.0	40.40	269.36	5,767.3	-1.5	-136.6	136.6	10.00	10.00	0.00
	5,900.0	50.40	269.36	5,837.5	-2.3	-207.7	207.7	10.00	10.00	0.00
	6,000.0	60.40	269.36	5,894.2	-3.2	-289.9	289.9	10.00	10.00	0.00
	6,008.6 Uteland Butte	61.26	269.36	5,898.4	-3.3	-297.4	297.4	10.00	10.00	0.00
			222.22	5 00 F 0		202 7	222.2	40.00	40.00	0.00
	6,100.0	70.40	269.36	5,935.8	-4.2	-380.7	380.8	10.00	10.00	0.00
	6,112.9	71.69	269.36	5,939.9	-4.4	-392.9	392.9	10.00	10.00	0.00
	CR 1 6,200.0	80.40	269.36	5,960.9	-5.3	-477.4	477.4	10.00	10.00	0.00
	6,204.9	80.89	269.36	5,961.7	-5.4	-477.4	482.3	10.00	10.00	0.00
	CR 1A Base	00.00	200.00	0,001.7	0.1	102.2	102.0	10.00	10.00	0.00
	6,300.0	90.40	269.36	5,968.9	-6.4	-576.9	577.0	10.00	10.00	0.00
	6,316.5	92.05	269.36	5,968.6	-6.6	-593.4	593.5	10.00	10.00	0.00
		hold at 6316.5 M		0,000.0	0.0	000.1	000.0			0.00
	6,400.0	92.05	269.36	5,965.6	-7.5	-676.9	676.9	0.00	0.00	0.00
	6,500.0	92.05	269.36	5,962.0	-8.6	-776.8	776.8	0.00	0.00	0.00
	6,600.0	92.05	269.36	5,958.4	-9.8	-876.7	876.8	0.00	0.00	0.00
	6,700.0	92.05	269.36	5,954.9	-10.9	-976.6	976.7	0.00	0.00	0.00
	6,800.0	92.05	269.36	5,951.3	-12.0	-1,076.6	1,076.6	0.00	0.00	0.00
	6,900.0	92.05	269.36	5,947.7	-13.1	-1,176.5	1,176.6	0.00	0.00	0.00
	7,000.0	92.05	269.36	5,944.1	-14.2	-1,276.4	1,276.5	0.00	0.00	0.00
	7,100.0	92.05	269.36	5,940.5	-15.3	-1,376.4	1,376.5	0.00	0.00	0.00
	7,200.0	92.05	269.36	5,937.0	-16.4	-1,476.3	1,476.4	0.00	0.00	0.00
	7,300.0	92.05	269.36	5,933.4	-17.5	-1,576.2	1,576.3	0.00	0.00	0.00
	7,400.0	92.05	269.36	5,929.8	-18.7	-1,676.2	1,676.3	0.00	0.00	0.00
	7,500.0	92.05	269.36	5,926.2	-19.8	-1,776.1	1,776.2	0.00	0.00	0.00
	7,600.0	92.05	269.36	5,922.7	-20.9	-1,876.0	1,876.1	0.00	0.00	0.00
	7,700.0	92.05	269.36	5,919.1	-22.0	-1,975.9	1,976.1	0.00	0.00	0.00
	7,800.0	92.05	269.36	5,915.5	-23.1	-2,075.9	2,076.0	0.00	0.00	0.00
	7,900.0	92.05	269.36	5,911.9	-24.2	-2,175.8	2,175.9	0.00	0.00	0.00
	8,000.0	92.05	269.36	5,908.3	-25.3	-2,275.7	2,275.9	0.00	0.00	0.00
	8,100.0	92.05	269.36	5,904.8	-26.4	-2,375.7	2,375.8	0.00	0.00	0.00

RECEIVED: August 23, 2012

Planning Report

Database: Compass

Design:

Company: BILL BARRETT CORP

 Project:
 DUCHESNE COUNTY, UT (NAD 27)

 Site:
 5H-26-46 LC Tribal

 Well:
 5H-26-46 LC Tribal

 Wellbore:
 5H-26-46 LC Tribal

Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well 5H-26-46 LC Tribal

KB @ 7039.0ft (Original Well Elev) KB @ 7039.0ft (Original Well Elev)

True

Minimum Curvature

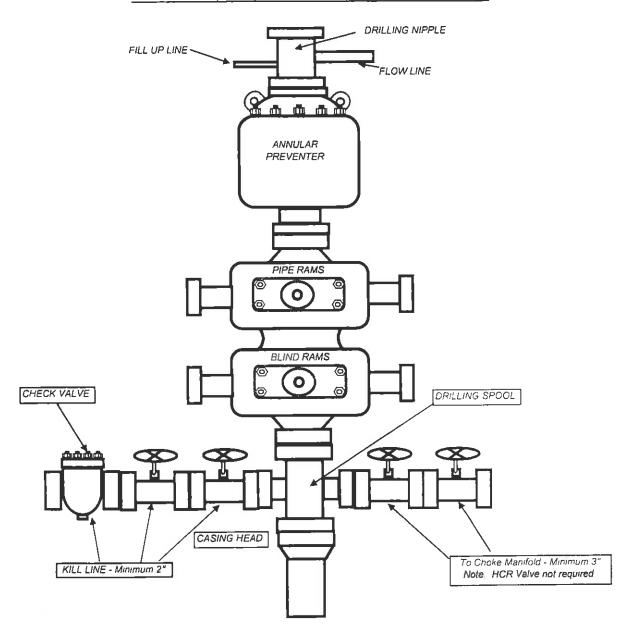
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,200.0	92.05	269.36	5,901.2	-27.6	-2,475.6	2,475.7	0.00	0.00	0.00
8,300.0	92.05	269.36	5,897.6	-28.7	-2,575.5	2,575.7	0.00	0.00	0.00
8,400.0	92.05	269.36	5,894.0	-29.8	-2,675.5	2,675.6	0.00	0.00	0.00
8,500.0	92.05	269.36	5,890.4	-30.9	-2,775.4	2,775.6	0.00	0.00	0.00
8,600.0	92.05	269.36	5,886.9	-32.0	-2,875.3	2,875.5	0.00	0.00	0.00
8,700.0	92.05	269.36	5,883.3	-33.1	-2,975.2	2,975.4	0.00	0.00	0.00
8,800.0	92.05	269.36	5,879.7	-34.2	-3,075.2	3,075.4	0.00	0.00	0.00
8,900.0	92.05	269.36	5,876.1	-35.3	-3,175.1	3,175.3	0.00	0.00	0.00
9,000.0	92.05	269.36	5,872.5	-36.4	-3,275.0	3,275.2	0.00	0.00	0.00
9,100.0	92.05	269.36	5,869.0	-37.6	-3,375.0	3,375.2	0.00	0.00	0.00
9,200.0	92.05	269.36	5,865.4	-38.7	-3,474.9	3,475.1	0.00	0.00	0.00
9,300.0	92.05	269.36	5,861.8	-39.8	-3,574.8	3,575.0	0.00	0.00	0.00
9,400.0	92.05	269.36	5,858.2	-40.9	-3,674.7	3,675.0	0.00	0.00	0.00
9,500.0	92.05	269.36	5,854.6	-42.0	-3,774.7	3,774.9	0.00	0.00	0.00
9,600.0	92.05	269.36	5,851.1	-43.1	-3,874.6	3,874.8	0.00	0.00	0.00
9,700.0	92.05	269.36	5,847.5	-44.2	-3,974.5	3,974.8	0.00	0.00	0.00
9,800.0	92.05	269.36	5,843.9	-45.3	-4,074.5	4,074.7	0.00	0.00	0.00
9,900.0	92.05	269.36	5,840.3	-46.5	-4,174.4	4,174.7	0.00	0.00	0.00
10,000.0	92.05	269.36	5,836.8	-47.6	-4,274.3	4,274.6	0.00	0.00	0.00
10,076.9	92.05	269.36	5,834.0	-48.4	-4,351.2	4,351.5	0.00	0.00	0.00

ormations							
	Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
	2,059.0	2,059.0	Green River		-2.05	269.36	
	2,574.0	2,574.0	Mahogany		-2.05	269.36	
	3,809.0	3,809.0	TGR3		-2.05	269.36	
	4,609.0	4,609.0	Douglas Creek		-2.05	269.36	
	4,969.0	4,969.0	3PT MKR		-2.05	269.36	
	5,374.0	5,374.0	Black Shale Facies		-2.05	269.36	
	5,596.8	5,594.0	Castle Peak		-2.05	269.36	
	6,008.6	5,909.0	Uteland Butte		-2.05	269.36	
	6,112.9	5,954.0	CR 1		-2.05	269.36	
	6,204.9	5,979.0	CR 1A Base		-2.05	269.36	

Plan Annotations					
Measu	ıred	Vertical	Local Coor	dinates	
Dept	th	Depth	+N/-S	+E/-W	
(ft)	)	(ft)	(ft)	(ft)	Comment
5,3	396.0	5,396.0	0.0	0.0	Start Build 10.00
6,3	316.5	5,968.6	-6.6	-593.4	Start 3760.4 hold at 6316.5 MD
10,0	076.9	5,834.0	-48.4	-4,351.2	TD at 10076.9

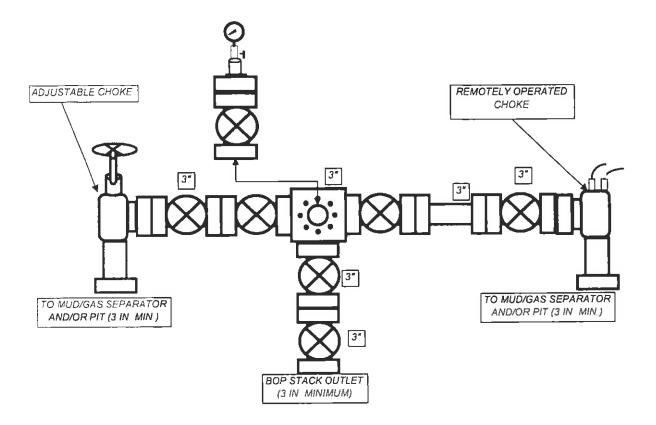
## **BILL BARRETT CORPORATION**

#### TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



## **BILL BARRETT CORPORATION**

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD





April 23, 2013

Ms. Diana Mason – Petroleum Technician STATE OF UTAH DIVISION OF OIL, GAS AND MINING 1594 West North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Re: Exception Location –LC Tribal #5H-26-46 – Lake Canyon Area

Surface Location: 1,881' FNL & 198' FEL, SENE, 26-T4S-R6W, USB&M Bottom Location: 1,980' FNL & 700' FWL, SWNW, 26-T4S-R6W, USB&M

Duchesne County, Utah

Dear Ms. Mason,

Bill Barrett Corporation ("BBC") hereby submits an exception location letter in accordance with Oil & Gas Conservation Order #139-87, requesting an exception well location, supported by the following information:

- The location is within our Lake Canyon Area.
- BBC is requesting an exception to Spacing Order #139-87 by drilling multiple well bores from a single well pad where the horizontal wellbore will strictly produce hydrocarbons from the Uteland Butte formation and the other vertical wellbore will produce from formations excluding the Uteland Butte. This well configuration results in the wellbores being closer than the 1,320 feet allowed by spacing order.
- This will allow for a more efficient drainage of the reservoir formation being targeted.
- The exception location is due to topography requirements and to minimize surface disturbance.
- BBC certifies that it is the working interest owner along with Ute Energy Upstream Holding, LLC and Berry Petroleum Company (who also consent to this exception location request), and together we own 100% of the working interest within 460 feet of the proposed well location.
- Our rights are owned under an Exploration and Development Agreement with the Ute Indian Tribe and Ute Distribution Corporation which provides for the drilling of exploratory wells. This agreement provides that we consult with these owners regarding the drilling of this well.

Based on the information provided, BBC requests the Division grant this exception to the locating, siting and spacing requirements of Order #139-87. Should you have any questions or need further information, please contact me at 303-312-8544.

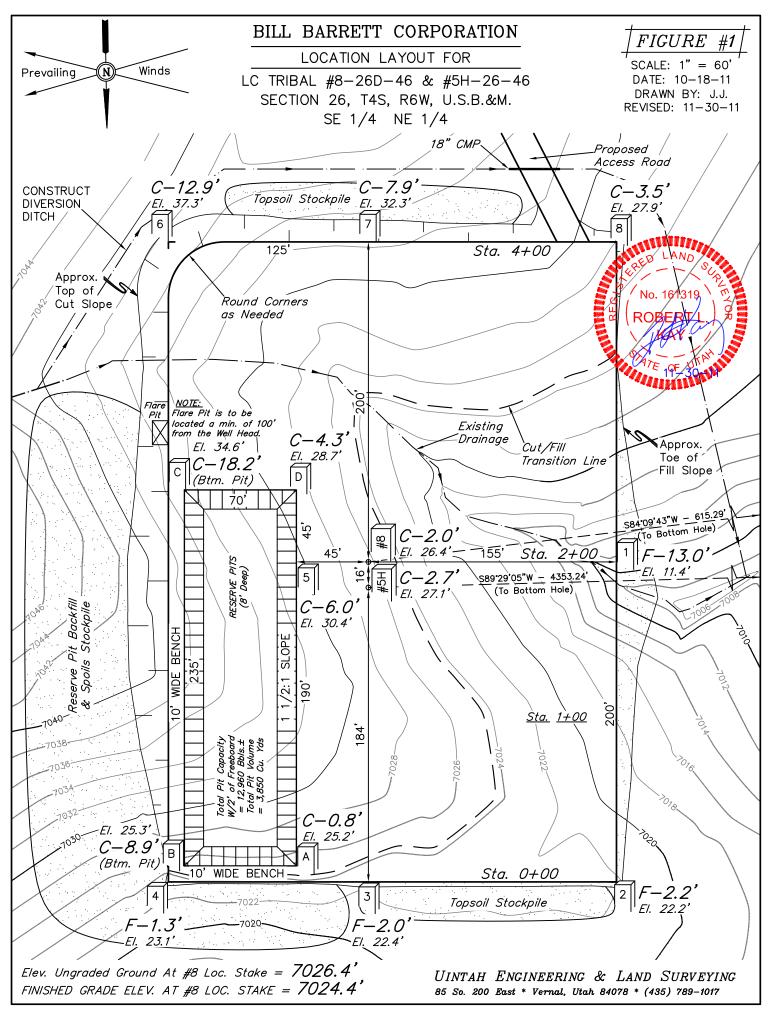
Sincerely,

David Watts Landman

Veneura Tangmacket

1099 18<sup>TH</sup> STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

RECEIVED: April 23, 2013

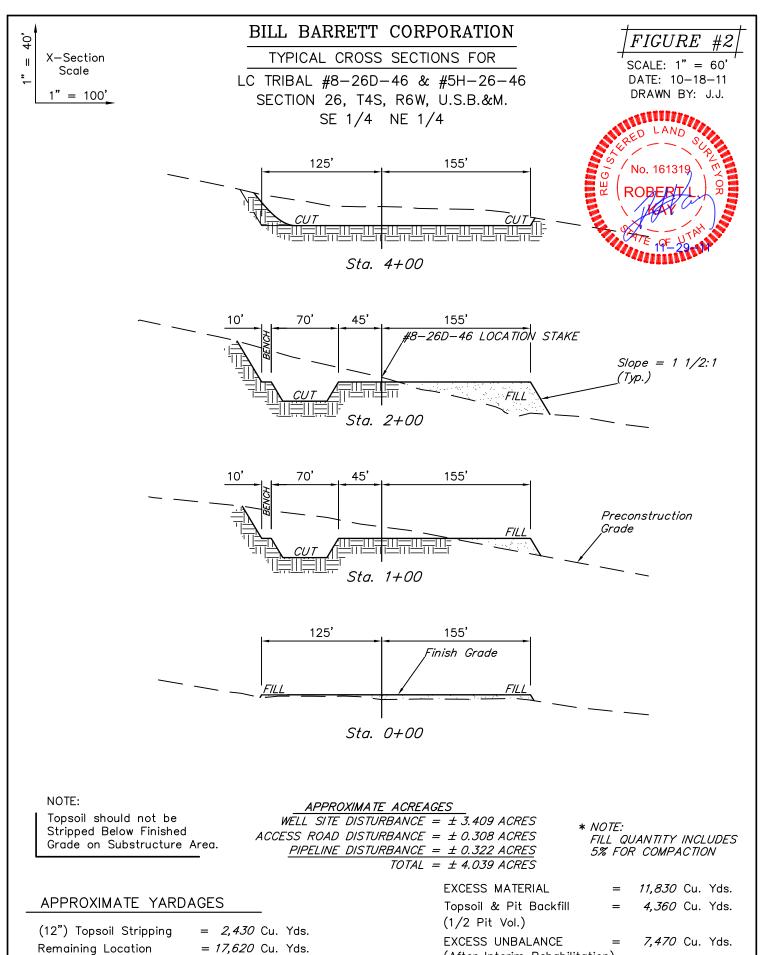


TOTAL CUT

FILL

20,050 CU.YDS.

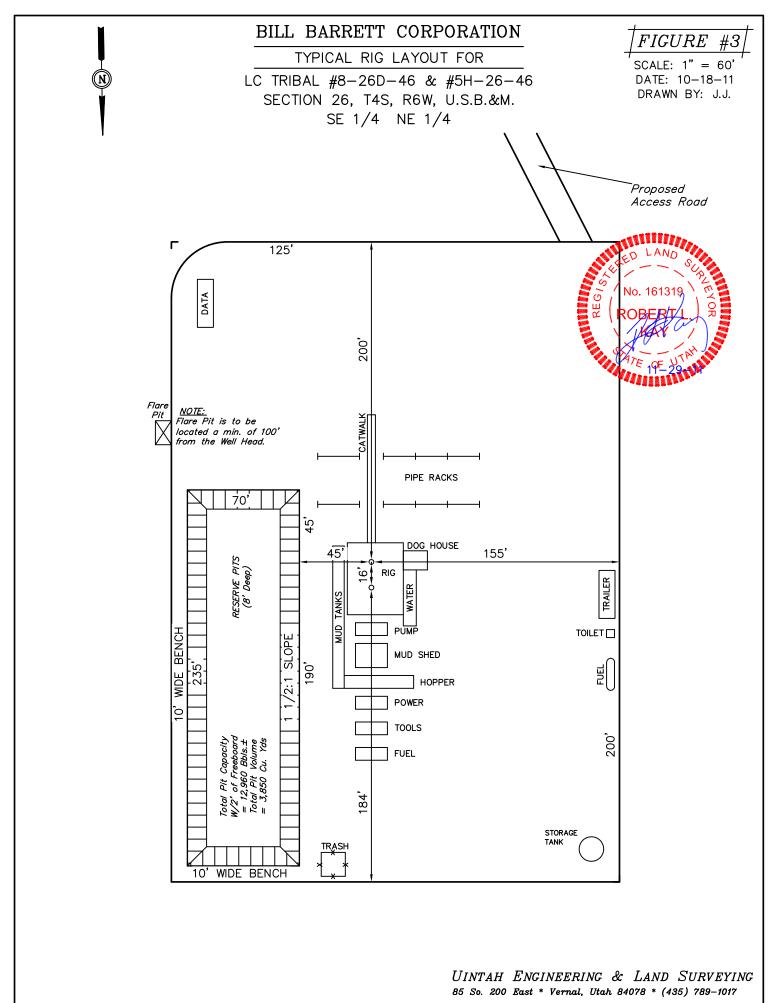
8,220 CU.YDS.

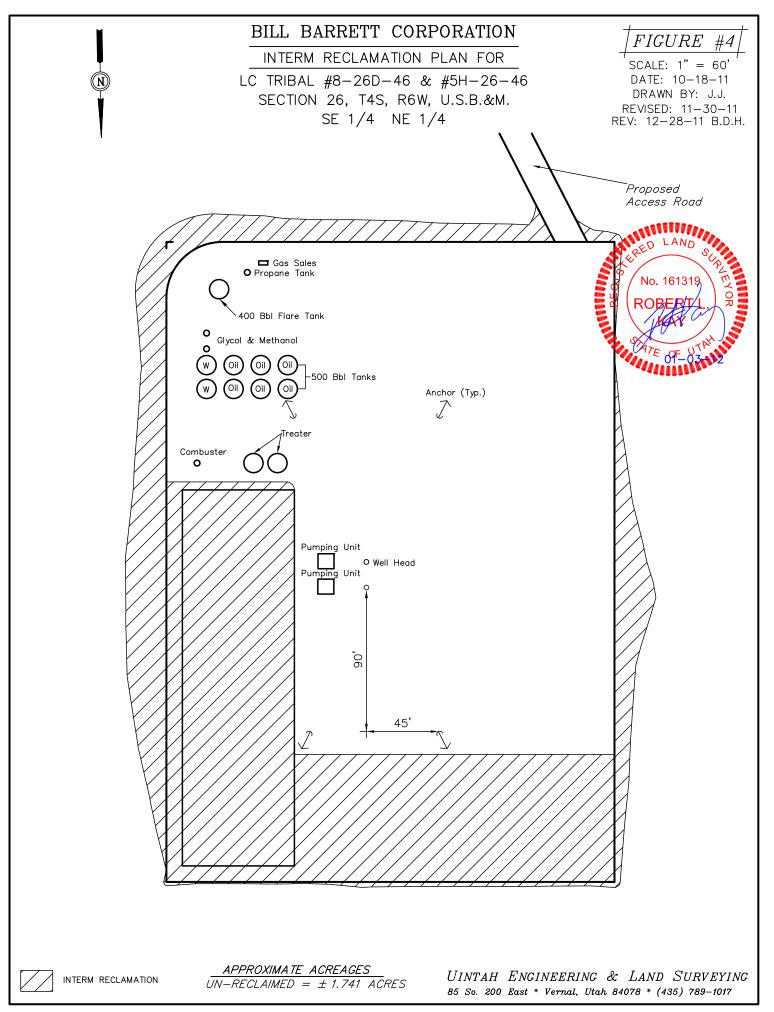


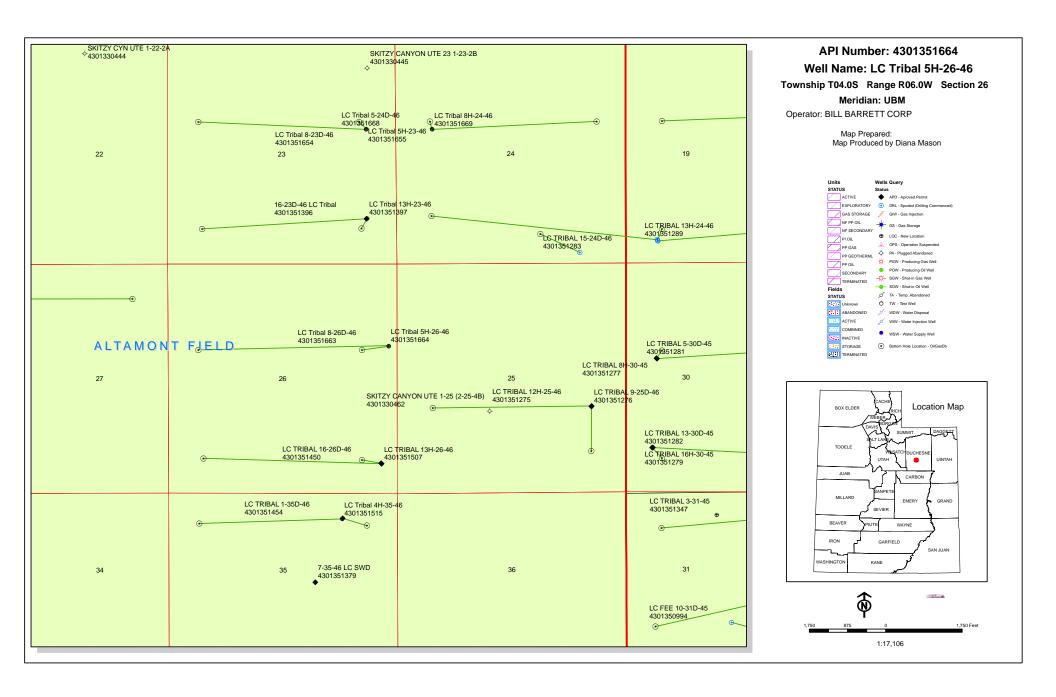
UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

(After Interim Rehabilitation)







State of Utah
Department of Natural Resources
Division of Wildlife Resources

Contract No.

7 0 1 7 3 9

Amend No.

### CONTRACT INFORMATION

Date	4/8	/2013					
Vendor No.							
	Bill Barrett C	Corporation					
		eet, Suite 2300					
City	Denver			CO		80202	
	of work to be					7	
A RESIDENCE OF THE PROPERTY OF		Barrett Phase 10 I		A			
11 0		1 1		•		WMAs, W-113-L	
					secs 34, 35, and	36, T4S, R5W, USBM,	
-abril 91 91 99		198976, \$74,788.8			lp /m	cm.	
Receivable	Payable	Land Acquisi	tion	MOU	Easement/R	ight of Way 🗵	
NUMBER (	OF FTE'S PE	R THIS CONTRA	CT:		# of AJ's	0	
					# of AL's	0	
					# of B's	0	
					umber of FTE's		
		or hours being worked.					
Example: A contrac	et has \$58,500 for labo	r that is 3-AJ's for 3 months e	each = 1,566 hrs and	1-AL for 1 year = 2088	3 hrs. Total is 3,654 hrs o	r 1.75 FTE's	
DELIVERA	ABLES (Repor	ts, products, materi	als):			D. D. D. L.	
		Copy of record	1.1			Due Date: May 1, 2013	_
		Copy of record	ied easement			Way 1, 2013	-
Effective Da	ite	4/9/2013		Tot	al Amount to be	Received/Paid:	
Expiration D	Date	4/8/2043	•		ription	Amount	
	1.		•				
Is this a nev	Project num	ber? Yes		No			
		ll need to be subm				THE TOTAL PROPERTY OF THE PROP	
Unit	Appr	Activity	Function	Program	Object	Amount	SLO Us
						,	
Contract M	onitor: C	reg Hansen					•
							_
Mitigation 1	Funds Monito	r:N/A	<i>A</i>	1110	11		<del></del>
Section Chi	ef / Regional S	Supervisor Approv	val:	hley!	opea		
	3			00			<del>-</del>

#### EASEMENT LEASE AGREEMENT BILL BARRETT CORPORATION'S PHASE 10 DEVELOPMENT

LC Tribal #5-24D-46 & 8H-24-46 Pipeline Corridor

LC Tribal #8-23D-46 & #5H-23-46 Wellpad, Access Road, and Pipeline Corridor LC Tribal #5-35D-45 & #8H-35-45 Wellpad, Access Road, and Pipeline Corridor LC Tribal #16-35D-45 & #13H-35-45 Wellpad, Access Road, and Pipeline Corridor LC Tribal #16-36D-45 & #13H-36-45 Wellpad, Access Road, and Pipeline Corridor LC Tribal #5-36D-45 & #8H-36-45 Wellpad, Access Road, and Pipeline Corridor LC Tribal #8-26D-46 & #5H-26-46 Wellpad, Access Road, and Pipeline Corridor

## AVINTAQUIN WILDLIFE MANAGEMENT AREA COTTONWOOD WILDLIFE MANAGEMENT AREA

#### UDWR Easement Lease No. <u>DUCH-1204EA-0271</u>

THIS NON-EXCLUSIVE EASEMENT LEASE AGREEMENT ("Agreement") is made by and between the Utah Division of Wildlife Resources whose address is 1594 West North Temple, Suite 2110, Salt Lake City, Utah 84114-6301 (hereafter "Surface Owner") and Bill Barrett Corporation, whose address is 1099 18<sup>th</sup> Street, Suite 2300, Denver, Colorado 80202 (hereafter "Lessee"). Surface Owner and Lessee are collectively referred to as "the Parties". "Easement Lease" means the lease of an easement or right-of-way, for which the purpose, specific use, rights granted, location, term, fees, and other conditions are set forth herein.

#### **EXHIBITS**

- A.1 Legal Description of Centerline for LC Tribal #5-24D-46 & 8H-24-46 Pipeline Corridor
- A.2 Depiction of LC Tribal #5-24D-46 & 8H-24-46 Pipeline Corridor
- B.1 Legal Description of Wellpad Perimeter and Access Road and Pipeline Corridor for LC Tribal #8-23D-46 & #5H-23-46 Wellpad
- B.2 Depictions of Wellpad, Access Road, and Pipeline Corridor for LC Tribal #8-23D-46 & #5H-23-46 Wellpad
- C.1 Legal Descriptions of Wellpad Perimeter and Access Road and Pipeline Corridor for LC Tribal #5-35D-45 & #8H-35-45 Wellpad
- C.2 Depictions of Wellpad, Access Road, and Pipeline Corridor for LC Tribal #5-35D-45 & #8H-35-45 Wellpad
- D.1 Legal Descriptions of Wellpad Perimeter and Access Road and Pipeline Corridor for LC Tribal #16-35D-45 & #13H-35-45 Wellpad
- D.2 Depictions of Wellpad, Access Road, and Pipeline Corridor for LC Tribal #16-35D-45 & #13H-35-45 Wellpad
- E.1 Legal Descriptions of Wellpad Perimeter and Access Road and Pipeline Corridor for LC Tribal #16-36D-45 & #13H-36-45 Wellpad
- E.2 Depictions of Wellpad, Access Road, and Pipeline Corridor for LC Tribal #16-36D-45 & #13H-36-45 Wellpad
- F.1 Legal Descriptions of Wellpad Perimeter and Access Road and Pipeline Corridor for LC Tribal #5-36D-45 & #8H-36-45 Wellpad
- F.2 Depictions of Wellpad, Access Road, and Pipeline Corridor for LC Tribal #5-36D-45 & #8H-36-45 Wellpad
- G.1 Legal Descriptions of Wellpad Perimeter and Access Road and Pipeline Corridor for LC Tribal #8-26D-46 & #5H-26-46 Wellpad
- G.2 Depictions of Wellpad, Access Road, and Pipeline Corridor LC Tribal #8-26D-46 & #5H-26-46 Wellpad
- H Surface Use and Reclamation Plan for Lessee's Phase 10 Development Program, Avintaquin and Cottonwood Wildlife Management Areas, Duchesne County, Utah
- I Reclamation Performance Bond Number LPM9090226

70 1739

IN WITNESS WHEREOF, the Parties have executed this Agreement, effective on the date of the last signature below.

#### **SURFACE OWNER**

STATE OF UTAH
DEPARTMENT OF NATURAL
RESOURCES, DIVISION OF WILDLIFE
RESOURCES

**LESSEE** 

BILL BARRETT CORPORATION

ACTING DIRECTOR

Bv:

Gregory Sheehan

Director of Wildlife Resources

Date: 4/15/1

Huntington T. Walker Sr. Vice President - Land

Bill Barrett Corporation

Date:

**Funding Approvals:** 

Division of Wildlife Resources Fiscal

Management

By:

Linda Braithwaite

Budget Officer

Date:

70 1739

STATE OF UTAH )	
) SS. COUNTY OF SALT LAKE )	
On this 15 <sup>th</sup> day of 15th day of Sheehan, who being first duly sworn said to Resources for the State of Utah, that the for	, 2013 personally appeared before me <u>Gregory</u> that he is the <u>Director of the Division of Wildlife</u> bregoing instrument was executed pursuant to authority de of Utah (23-21-1), and he acknowledged to me that
REBECCA JOHNSON Notary Public State of Utah My Commission Expires on: September 19, 2015 Comm. Number: 613707	Notary Public for the State of Utah  Residing at Salt Sak County  My commission expires 9/19/2015
<u>Huntington T. Walker</u> to me known to be <u>Corporation</u> who executed the within and execution of the document herein was his	, 2013, personally appeared before me the <u>Sr. Vice President – Land</u> of <u>Bill Barrett</u> foregoing instrument, and acknowledged that the free and voluntary act and deed, for the uses and bath that he is authorized to execute the within
TEALE P. STONE NOTARY PUBLIC STATE OF COLORADO NOTARY ID # 20124021619 MY COMMISSION EXPIRES FEBRUARY 06, 2017	Notary Public for the State of Colorado  Residing at  My commission expires

## **ON-SITE PREDRILL EVALUATION**

### Utah Division of Oil, Gas and Mining

OperatorBILL BARRETT CORPWell NameLC Tribal 5H-26-46

API Number 43013516640000 APD No 6702 Field/Unit ALTAMONT

Location: 1/4,1/4 SENE Sec 26 Tw 4.0S Rng 6.0W 1881 FNL 198 FEL

GPS Coord (UTM) 540760 4439646 Surface Owner UDWR

#### **Participants**

Amy Ackman (archeologist), Don Hamilton (permit contractor), Zack Garner and Roger Mitchell (BBC), Trevor Anderson (surveyor), Ben Williams (DWR), James Hereford (BLM), Davie Stokes (t & e species)

#### Regional/Local Setting & Topography

This location sits on the west side of a large ridge between Skitzy Canyon and Indian Canyon and drains toward the draw on the west. The site is fairly steep. Drainage in the area is to the north and east toward Indian Canyon and then the Duchesne River. Duchesne, Utah is approximately 6 miles north east.

#### Surface Use Plan

**Current Surface Use** 

Wildlfe Habitat

New Road Miles Well Pad Src Const Material Surface Formation

0.09 Width 280 Length 400 Onsite UNTA

**Ancillary Facilities** N

Waste Management Plan Adequate? Y

#### **Environmental Parameters**

Affected Floodplains and/or Wetlands N

#### Flora / Fauna

Has been cleared of Pinion and juniper

Good grasses, young p-j, halogeton, russian thistle

Deer and elk winter range

#### Soil Type and Characteristics

Loam soil covered with fractured rock pieces

**Erosion Issues** N

Sedimentation Issues N

Site Stability Issues N

RECEIVED: April 30, 2013

Drainage Diverson Required? Y

Needed around south side of location

Berm Required? Y

**Erosion Sedimentation Control Required?** N

Paleo Survey Run? N Paleo Potental Observed? N Cultural Survey Run? Y Cultural Resources? N

#### Reserve Pit

**Site-Specific Factors** 

Site Ranking

Distance to Groundwater (feet)
Distance to Surface Water (feet)
Dist. Nearest Municipal Well (ft)
Distance to Other Wells (feet)
Native Soil Type
Fluid Type
Drill Cuttings
Annual Precipitation (inches)
Affected Populations
Presence Nearby Utility Conduits

**Final Score** 

Sensitivity Level

#### Characteristics / Requirements

The reserve pit as proposed is 235ft by 70ft by 8ft deep and is to be placed in a cut stable location. Zack Garner of Bill Barrett Corporation stated that a minimum 16 mil liner and felt subliner will be used and that typically a 20 mil liner is used for all reserve pits. This appears to be adequate for this location.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

#### Other Observations / Comments

Richard Powell

Evaluator

8/30/2012

Date / Time

RECEIVED: April 30, 2013

# Application for Permit to Drill Statement of Basis

### Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner CBM
6702	43013516640000	LOCKED	OW	P No
Operator	BILL BARRETT CORP		Surface Owner-APD	UDWR
Well Name	LC Tribal 5H-26-46		Unit	
Field	ALTAMONT		Type of Work	DRILL
Location	SENE 26 4S 6W U	1881 FNL	198 FEL GPS Coord	
	(UTM) 540765E 44396	44N		

#### **Geologic Statement of Basis**

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill 11/5/2012 **APD Evaluator Date / Time** 

#### **Surface Statement of Basis**

This proposed well site is on Utah DWR surface with tribal minerals. This is a 2 well pad to be shared with the LC Tribal 8-26D-46. DWR representative Ben Williams was in attendance and stated that this surface area is important deer and elk winter range and for this reason Mr. Williams requested a construction closure from December 1st to April 15th. James Hereford of the BLM stated no concerns with this location. Zack Garner stated that a 20 mil liner would likely be used but agreed that no less than a 16 mil would be used. A drainage diversion will be required around the south end of the location. This appears to be a good site for placement of this well.

Richard Powell 8/30/2012
Onsite Evaluator Date / Time

#### Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

RECEIVED: April 30, 2013

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 8/23/2012 **API NO. ASSIGNED:** 43013516640000

WELL NAME: LC Tribal 5H-26-46

OPERATOR: BILL BARRETT CORP (N2165) PHONE NUMBER: 303 312-8172

**CONTACT:** Venessa Langmacher

PROPOSED LOCATION: SENE 26 040S 060W Permit Tech Review:

SURFACE: 1881 FNL 0198 FEL Engineering Review:

BOTTOM: 1980 FNL 0700 FWL Geology Review:

**COUNTY: DUCHESNE** 

LATITUDE: 40.10611 LONGITUDE: -110.52169
UTM SURF EASTINGS: 540765.00 NORTHINGS: 4439644.00

FIELD NAME: ALTAMONT LEASE TYPE: 2 - Indian

LEASE NUMBER: 20G0005500 PROPOSED PRODUCING FORMATION(S): UTELAND BUTTE

SURFACE OWNER: 4 - Fee COALBED METHANE: NO

#### RECEIVED AND/OR REVIEWED:

✓ PLAT

Bond: INDIAN - LPM8874725

Potash

Oil Shale 190-5

Oil Shale 190-3

Oil Shale 190-13

Water Permit: 43-180

RDCC Review: 2013-04-23 00:00:00.0

**Fee Surface Agreement**

Intent to Commingle

Commingling Approved

LOCATION AND SITING:

R649-2-3.

Unit:

R649-3-2. General

R649-3-3. Exception

Drilling Unit

Board Cause No: Cause 139-87

Effective Date: 12/6/2011

Siting: 4 Prod LGRRV-WSTC Wells

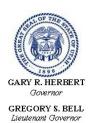
R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - bhill

4 - Federal Approval - dmason 5 - Statement of Basis - bhill 21 - RDCC - dmason

23 - Spacing - dmason 27 - Other - bhill



## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

#### Permit To Drill

\*\*\*\*\*\*\*

**Well Name:** LC Tribal 5H-26-46 **API Well Number:** 43013516640000

Lease Number: 20G0005500 Surface Owner: FEE (PRIVATE) Approval Date: 5/2/2013

#### Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

#### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-87. The expected producing formation or pool is the UTELAND BUTTE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### **Exception Location:**

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to

correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

#### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at http://oilgas.ogm.utah.gov

#### Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
  - Requests to Change Plans (Form 9) due prior to implementation
  - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
  - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas

## RECEIVED

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NOV 0.7 2012

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

	100 07 2012	20G0005500	
APPLICATION FOR PERMIT	TO DRILL OR REENTED	6. If Indian, Allottee or Tr UINTAH AND OUR	ibe Name RAY
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreemen	nt, Name and No.
1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ O	- Manager	8. Lease Name and Well N LC TRIBAL 5H-26-46	No.
BILL BARRETT CORPORATION E-Mail: vlangm	: VENESSA LANGMACHER acher@billbarrettcorp.com	9. API Well No.	
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-312-8172 Fx: 303-291-0420	10. Field and Pool, or Exp	loratory
4. Location of Well (Report location clearly and in accord	lance with any State requirements.*)	11. Sec., T., R., M., or Blk	and Cumien and
	10.106125 N Lat, 110.521744 W Lon	1	•
At proposed prod. zone SWNW 1980FNL 700FWL	_ 40.105992 N Lat, 110.537300 W Lon	Sec 26 T4S R6W N SME: STATE	ler UBM
14. Distance in miles and direction from nearest town or post 18.4 MILES SOUTHWEST OF DUCHESNE, UT	Γ	12. County or Parish DUCHESNE	13. State UT
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)</li> </ol>	16. No. of Acres in Lease	17. Spacing Unit dedicated	to this well
700' (BTM. HOLE)	124793.50	640.00	
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.</li> </ol>	19. Proposed Depth	20. BLM/BIA Bond No. or	ı file
NONE	10077 MD 5834 TVD	LPM8874725	
21. Elevations (Show whether DF, KB, RT, GL, etc. 7027 GL	22. Approximate date work will start 06/01/2013	23. Estimated duration 60 DAYS (D&G)	EVED
	24. Attachments	MAY 3	1 2013
The following, completed in accordance with the requirements o	f Onshore Oil and Gas Order No. 1, shall be attached	to this form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off</li> </ol>	em Lands, the fice).  4. Bond to cover the opera ltem 20 above). 5. Operator certification 6. Such other site specific authorized officer.	DIV. OF Oil, tions unless covered by an existing information and/or plans as may	
25. Signature (Electronic Submission)	Name (Printed/Typed) VENESSA LANGMACHER Ph: 303-3	12-8172	Date 11/07/2012
Title SENIOR PERMIT ANALYST			
Approved by (Signature)	Name (Printed/Typed)		Date
- Sy hough	Jerry Kenczk	a	MAY 1 5 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OF		I
Application approval does not warrant or certify the applicant holoperations thereon.	lds legal or equitable title to those rights in the subject	lease which would entitle the ap	plicant to conduct
Conditions of approval, if any, are attached.	CON	IDITIONS OF APPROVA	AL ATTACHED
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, n States any false, fictitious or fraudulent statements or representati	nake it a crime for any person knowingly and willfully ons as to any matter within its jurisdiction	to make to any department or ag	ency of the United

Additional Operator Remarks (see next page)

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #159702 verified by the BLM Well Information System
For BILL BARRETT CORPORATION, sent to the Vernal
NOTICE OF APPROVAL (13JM0794AE)



#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East

**VERNAL, UT 84078** 

(435) 781-4400



### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No: API No:

**BILL BARRETT CORPORATION** 

**LC TRIBAL 5H-26-46** 

43-013-51664

Location: Lease No: SENE, Sec. 26, T4S, R6W

2OG0005500

Agreement:

N/A

OFFICE NUMBER:

(435) 781-4400

OFFICE FAX NUMBER:

(435) 781-3420

#### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to:blm_ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

#### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- Any deviation of submitted APD's, which includes BBCs surface use plan, and ROW
  applications the operator will notify the BLM in writing and will receive written authorization of
  any such change with appropriate authorization.
- The operator will implement "Safety and Emergency Plan." The operator's safety director will ensure its compliance.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COAs, and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- Noxious weeds will be treated, monitored, and controlled along both the access road, pipeline route, and on the well pad itself.
- Insure topsoil stability on location and use topsoil for interim reclamation as soon as possible to
  maintain viability of the topsoil resource. If stored for a longer period of time then topsoil will be
  maintained to increase viability until the resource can be used for reclamation purposes only.
- All above ground production facilities will be painted Beetle Green on all locations to help blend in with the surrounding habitat, unless otherwise directed by the landowner (UDWR) or BLM AO.
- The operator must conduct operations to minimize adverse effects to surface and subsurface resources. This will be accomplished by staying on the approved acres of disturbance, and conforming to dust mitigation technology and doing interim reclamation practices on unused portions of the proposal.
- Any special mitigation set up within the Easement Agreement No. DUCH-1204EA-0271 by the UDWR will be followed and implemented on the ground.
- Site reclamation will be accomplished for portions of the well pad not needed for production, within 6 months of completion, weather permitting. This also includes any roads, and pipeline areas that have been disturbed as well. Road areas not being used and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact the landowner (UDWR) for seed mixes that work in the area. This is could also be included in the reclamation plan from BBC. Seeds must be planted in August and prior to ground freeze. Non-natives can be used; however lbs/ac must be kept low to minimize the chance of a monoculture.

#### DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- A formation integrity test shall be performed at the surface casing shoe
- Gamma Ray Log shall be run from Total Depth to Surface.
- To effectively protect useable water, cement for the long string is required to be brought 200 feet above the surface casing shoe.
- A bowl diverter system, which is connected and discharges to a panic or choke blooie line, shall be installed while drilling of the surface hole section.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and NOT by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

Page 4 of 6 Well: LC TRIBAL 5H-26-46 5/14/2013

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well by CD (compact disc).
   This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: LC TRIBAL 5H-26-46 5/14/2013

#### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at <a href="https://www.ONRR.gov">www.ONRR.gov</a>.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will
  be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
  reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major
  Events" will be reported in writing within 15 days. "Minor Events" will be reported on the
  Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

Page 6 of 6 Well: LC TRIBAL 5H-26-46 5/14/2013

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
  Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
  order that a representative may witness plugging operations. If a well is suspended or
  abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent
  Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual
  plugging of the well bore, showing location of plugs, amount of cement in each, and amount of
  casing left in hole, and the current status of the surface restoration.

Well Data						
WELL	SEARCH	WELL DATA	WELL HISTORY	WELL ACTIVI	TY	
•	I	API NUMBER 43  RP ACCOL  ACCOL  FIELD NUMBER 55	NZ165 # OPERATOR	TYPE OW WELL STATUS APPROVED BY BLM / BIA	LA 🔻	
QQ. S. T. R. M COUNTY JTM COORDINATI SURFACE - N SURFACE - E ATTUDE ONGITUDE WELL FILES	N 1881 FNL 0198 FEL  8. SENE   26   04.0 S   0  Y   DUCHESNE  ES  1 4439644.00   BHL - N   44  E 540765.00   BHL - E   53  40.10611   -110.52169	CONFIDENT DERECTIONAL   HO HORIZONTAL I COMMINGLED PRO ORIGINAL FII ORIGINAL FII COB-METH E BOND NUMB	RIZONTAL H  ATERALS  DUCTION    ELD TYPE D   TAX FLAG    ANE FLAG    LEVATION   7027 GR	LEASE NUMBER 20G00055 MINERAL LEASE TYPE 2 SURFACE OWNER TYPE 4 SINDIAN TRIBE CA NUMBER  CA NUMBER  CUMULATIVE PRODUCTION OIL  GAS WATER		
1	e New Rec Save	Cancel Change To Histo	ry To <u>A</u> ctivity <u>P</u> rint Re	ecd Export Recd		

Desktop \*\* 4.

10:24 AM 9/30/2014

1 TOPE

0



## State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 25, 2014

Venessa Langmacher Bill Barrett Corporation 1099 18<sup>th</sup> Street, Suite 2300 Denver, CO 80202

RE: APDs Rescinded for Bill Barrett Corporation, Duchesne County, Utah

Dear Ms. Langmacher:

As requested, attached is a list of the APD's that the Division of Oil, Gas and Mining "the Division" has rescinded. No drilling activity at these locations has been reported to the Division. Therefore, approval to drill these wells is hereby rescinded, effective September 24, 2014.

New APDs must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject locations.

If any previously unreported operations have been performed on these well locations, it is imperative that you notify the Division immediately.

Sincerely.

Lisha Cordova

**Environmental Scientist** 

LC

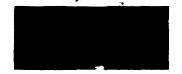
Attachment: (1) cc: Well File

Bureau of Land Management, Vernal



Page 2 September 25, 2014 APDs Rescinded eff. 9/24/14

43-013-51507- LC Tribal 13H-26-46 43-013-51664- LC Tribal 5H-26-46 43-013-51397- LC Tribal 13H-23-46 43-013-51506- LC Tribal 13H-34-46 43-013-51655- LC Tribal 5H-23-46



Lisha Cordova < lishacordova@utah.gov>

#### Fwd: Rescind Permits Please :)

1 message

**Bradley Hill <br/>bradhill@utah.gov>** 

To: "Cordova, Lisha" < lishacordova@utah.gov>

Wed, Sep 24, 2014 at 9:13 AM

Brad Hill P.G.
O & G Permitting Manager/Petroleum Geologist
State of Utah
Division of Oil, Gas, & Mining
Phone: (801)538-5315
Fax: (801)359-3940
email: bradhill@utah.gov

----- Forwarded message ------

From: Venessa Langmacher <vlangmacher@billbarrettcorp.com>

Date: Tue, Sep 23, 2014 at 1:25 PM Subject: Rescind Permits Please :)

To: "bradhill@utah.gov" <bradhill@utah.gov>

Good Afternoon Brad.

Could you please cancel the following permits?

4301351507 LC Tribal 13H-26-46

4301351664 LC Tribal 5H-26-46

4301351397 LC Tribal 13H-23-46

4301351506 LC Tribal 13H-34-46

4301351655 LC Tribal 5H-23-46

Please let me know if you have any questions or need any additional information.

Thanks,

Venessa Langmacher

Senior Permit Analyst

BILL BARRETT CORFORATION

1099 18th Street | Suite 2300

Denver, CO 80202

D 303.312.8172 | F 303.291.0420

vlangmacher@billbarrettcorp.com

www.billbarrettcorp.com



#### NEVEIVED Form 3160-5

(August 2007)

**UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

MAR 3 0 2015

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

5. Lease Serial No. 1420H625500

# SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-crits an abandoned well. Use form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

			UINTA	AH AND OU	JRAY			
SUBMIT IN TRI	verse side.				nent, Name and/or	No.		
Type of Well	ner .			7		me in Vo		
2. Name of Operator BILL BARRETT CORPORATI	BRADY RILI barrettcorp.cor							
3a. Address 1099 18TH STREET SUITE 2 DENVER, CO 80202	3b. Phone No Ph: 303-3	o. (include area code) 12-8115	)	10. Field and Pool, or Exploratory ALTAMONT			,	
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description,	)			11. Count	y or Parish, an	nd State	
Sec 26 T4S R6W SENE 1881 40.106125 N Lat, 110.521744				DUCHESNE COUNTY, UT				
12. CHECK APPR	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF 1	NOTICE, REI	PORT, O	R OTHER	DATA	
TYPE OF SUBMISSION			TYPE OI	F ACTION				
Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Production	n (Start/R	Resume)	☐ Water Shut-C	)ff
_	☐ Alter Casing	☐ Frac	cture Treat	☐ Reclamati	ion		☐ Well Integrit	y
☐ Subsequent Report	□ Casing Repair	□ Nev	v Construction	☐ Recomple	ete		Other	
☐ Final Abandonment Notice	☐ Change Plans	☐ Plu	☐ Plug and Abandon ☐ Tempora		rarily Abandon PD		Change to OrigiPD	nai A
	☐ Convert to Injection	☐ Plu	g Back	☐ Water Dis	sposal			
determined that the site is ready for fit BBC is hereby requesting a tw 05/14/2015.  AVD - 5/15/13  NEPH - 2013 - 145 EA	•		<b>REC</b> APR	CEIVED 2 0 2015 ., GAS & MINI	ING	ENG. 🏂	FIELD OFFICE H 4/6/15	
14. I hereby certify that the foregoing is  Com Name (Printed/Typed) BRADY R	#2 Electronic Submission For BILL BARI mitted to AFMSS for proce	RETT CORPO	RATION, sent to NETTA MAGEE o	the Vernal		SSE)		
					······································	·		
Signature (Electronic S	ubmission)		Date 03/30/20	015				
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE USI	E	,		
Approved By	<u> </u>			ssistant Fiel ods & Minera			APR 10	2015
Conditions of approval, if any, are attached ertify that the applicant holds legal or equivalent would entitle the applicant to condu	itable title to those rights in the ct operations thereon.	subject lease	Office	RNAL FIE				-
Fitle 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	crime for any pe	rson knowingly and	willfully to make	e to any de	partment or ag	gency of the United	

#### Revisions to Operator-Submitted EC Data for Sundry Notice #296713

**Operator Submitted** 

**BLM Revised (AFMSS)** 

Sundry Type:

OTHER NOI

NOI

Lease:

1420H625500

1420H625500

Agreement:

Operator:

BILL BARRETT CORPORATION 1099-18TH STREET SUITE 2300 DENVER, CO 80202 Ph: 303-293-9100

BILL BARRETT CORPORATION 1099 18TH STREET SUITE 2300 DENVER, CO 80202 Ph: 303.312.8546

BRADY RILEY PERMIT ANALYST E-Mail: briley@billbarrettcorp.com

Admin Contact:

Ph: 303-312-8115

BRADY RILEY PERMIT ANALYST E-Mail: briley@billbarrettcorp.com

Ph: 303-312-8115

**Tech Contact:** 

BRADY RILEY PERMIT ANALYST E-Mail: briley@billbarrettcorp.com

BRADY RILEY PERMIT ANALYST E-Mail: briley@billbarrettcorp.com

Ph: 303-312-8115

Ph: 303-312-8115

Location: State:

DUCHESNE County:

Field/Pool:

**ALTAMONT** 

UT DUCHESNE **ALTAMONT** 

Well/Facility:

LC TRIBAL 5H-26-46 Sec 26 T4S R6W Mer UBM SENE 1881FNL 198FEL 40.106125 N Lat, 110.521744 W Lon

LC TRIBAL 5H-26-46 Sec 26 T4S R6W SENE 1881FNL 198FEL 40.106125 N Lat, 110.521744 W Lon

## **CONDITIONS OF APPROVAL**

## **Bill Barrett Corporation**

# Notice of Intent APD Extension

Lease:

1420H625500

Well:

LC Tribal 5H-26-46

Location:

SENE Sec 26-T4S-R6W

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 05/15/2017.
- 2. No other extensions shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777